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9. The topical ophthalmic emulsion of claim 1, wherein the topical ophthalmic emulsion further comprises glycerine in an amount of about 2.2% by weight and a buffer.

10. The topical ophthalmic emulsion of claim 9, wherein the buffer is sodium hydroxide.

11. The topical ophthalmic emulsion of claim 1, wherein, when the topical ophthalmic emulsion is administered to an eye of a human in an effective amount in treating keratoconjunctivitis sicca, the blood of the human has substantially no detectable concentration of cyclosporin A.

12. The topical ophthalmic emulsion of claim 6, wherein the topical ophthalmic emulsion has a pH in the range of about 7.2 to about 7.6.

13. A topical ophthalmic emulsion for treating an eye of a human having dry eye, wherein the topical ophthalmic emulsion comprises cyclosporin A in an amount of about 0.05% by weight, polysorbate 80, acrylate/C10-30 alkyl acrylate cross-polymer, water, and castor oil in an amount of about 1.25% by weight; and

wherein the topical ophthalmic emulsion is therapeutically effective in treating dry eye.

14. The topical ophthalmic emulsion of claim 13, wherein the topical ophthalmic emulsion further comprises a tonicity agent or a demulcent component.

15. The topical ophthalmic emulsion of claim 14, wherein the tonicity agent or the demulcent component is glycerine.

16. The topical ophthalmic emulsion of claim 13, wherein the topical ophthalmic emulsion further comprises a buffer.

17. The topical ophthalmic emulsion of claim 16, wherein the buffer is sodium hydroxide.

18. The topical ophthalmic emulsion of claim 13, wherein the topical ophthalmic emulsion further comprises glycerine and a buffer.

19. The topical ophthalmic emulsion of claim 13, wherein the topical ophthalmic emulsion comprises polysorbate 80 in an amount of about 1.0% by weight.

20. The topical ophthalmic emulsion of claim 13, wherein the topical ophthalmic emulsion comprises acrylate/C10-30 alkyl acrylate cross-polymer in an amount of about 0.05% by weight.

21. The topical ophthalmic emulsion of claim 13, wherein the topical ophthalmic emulsion further comprises glycerine in an amount of about 2.2% by weight and a buffer.

22. The topical ophthalmic emulsion of claim 21, wherein the buffer is sodium hydroxide.

23. The topical ophthalmic emulsion of claim 13, wherein, when the topical ophthalmic emulsion is administered to an eye of a human in an effective amount in treating dry eye, the blood of the human has substantially no detectable concentration of cyclosporin A.

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24. The topical ophthalmic emulsion of claim 18, wherein the topical ophthalmic emulsion has a pH in the range of about 7.2 to about 7.6.

25. A topical ophthalmic emulsion for increasing tear production in an eye of a human having keratoconjunctivitis sicca, wherein the topical ophthalmic emulsion comprises cyclosporin A in an amount of about 0.05% by weight, polysorbate 80, acrylate/C10-30 alkyl acrylate cross-polymer, water, and castor oil in an amount of about 1.25% by weight; and

wherein the topical ophthalmic emulsion is therapeutically effective in increasing tear production in the eye of the human having keratoconjunctivitis sicca.

26. The topical ophthalmic emulsion of claim 25, wherein the topical ophthalmic emulsion further comprises a tonicity agent or a demulcent component.

27. The topical ophthalmic emulsion of claim 26, wherein the tonicity agent or the demulcent component is glycerine.

28. The topical ophthalmic emulsion of claim 25, wherein the topical ophthalmic emulsion further comprises a buffer.

29. The topical ophthalmic emulsion of claim 28, wherein the buffer is sodium hydroxide.

30. The topical ophthalmic emulsion of claim 25, wherein the topical ophthalmic emulsion further comprises glycerine and a buffer.

31. The topical ophthalmic emulsion of claim 25, wherein the topical ophthalmic emulsion comprises polysorbate 80 in an amount of about 1.0% by weight.

32. The topical ophthalmic emulsion of claim 25, wherein the topical ophthalmic emulsion comprises acrylate/C10-30 alkyl acrylate cross-polymer in an amount of about 0.05% by weight.

33. The topical ophthalmic emulsion of claim 25, wherein the topical ophthalmic emulsion further comprises glycerine in an amount of about 2.2% by weight and a buffer.

34. The topical ophthalmic emulsion of claim 33, wherein the buffer is sodium hydroxide.

35. The topical ophthalmic emulsion of claim 25, wherein, when the topical ophthalmic emulsion is administered to an eye of a human in an effective amount in increasing tear production in the eye of the human having keratoconjunctivitis sicca, the blood of the human has substantially no detectable concentration of cyclosporin A.

36. The topical ophthalmic emulsion of claim 30, wherein the topical ophthalmic emulsion has a pH in the range of about 7.2 to about 7.6.

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